

Minutes of the IPT Meeting of Nov 25, 2003

Attendees:

G. Pitonak - DOE-PAO

G. Nardella, K. Chao - DOE HQ

J. Lyon, ORNL

H. Neilson, R. Templon, J. Schmidt, J. Levine, R. Hawryluk, J. Malsbury,

R. Simmons - PPPL

1. DOE update - Greg and Gene

Congratulations to all NCSX Team Members on the successful reviews last week.

CR is still underway, but E&W bill has been forwarded to the President for signature. We need to know what, if any, impacts to the project from the CR. Lehman will brief Anne on the results of his review - this was done on 11/25. Basically, it's not likely that BA profile will change for FY05, but she will make final decision after OMB passback this weekend. Also, CD3a not likely to be supported at this time. We will continue to plan for CD2 in January and target the week of 1/26/04 for the meeting.

2. Results/Impacts from PDR, Lehman, & EIR reviews - Hutch

The project continues to evaluate cost/schedule impacts from the reviews. Disposition plans will be prepared to address all recommendations. Expect this to be complete by week of 12/12/03. Issue of whether to incorporate 350C bakeout still needs to be addressed. May have a more significant impact than other recommendations.

3. Planning for and CD2 review - All

The IPT will now shift focus to preparing for CD2. Most of the required deliverables are already available. Still needed are the final PEP with team signatures, EIR final report and disposition plan, Lehman review final report and disposition plan, and CD2 signature memorandum. Complete CD2 requirements list is attached.

4. Technical progress (Hutch)

Despite the focus on the reviews, there is progress on the technical front.

The vacuum vessel supplier teams are making good progress through the prototype fabrication phase. Major Tool and Machine, Inc. of Indianapolis, IN, has completed their die sets for the prototype vacuum vessel sector. They have also completed fabrication of the jig stand to position the plates for welding after they are formed. Rohwedder, Inc. of Orlando, FL, has teamed with Precision Metal Works, Ltd. of Fredericton, NB, Canada, an experienced fabricator of ultra-high vacuum chambers, to fabricate the NCSX prototype sector. Both teams have provided schedules which show delivery dates within the project schedule.

The modular coil winding form supplier teams, headed by Energy Industries of Ohio of Independence, OH, and by J.P. Pattern of Butler, WI, have passed important milestones in the development of CAD models for manufacturing starting from the project's design model. The project recently issued a new version of its prototype winding form CAD model that resolves difficulties experienced by the suppliers in working with earlier versions. The project has also issued drawings and specifications for the twisted racetrack winding form. The twisted racetrack prototypes key features of the actual modular coil geometry and will be used in the project's coil winding development program. A closed, 3D winding form is being constructed from the short segments acquired last year. This will be used for the initial trials of coil winding on a 3D surface (FY-04 2Q Joule milestone).

5. Project performance (Hutch)

CPR status for October is posted on the website. Progress against the new baseline is satisfactory at this time. Final baseline adjustments will be made as a result of the review recommendations. Formal EVMS reporting in PARS will begin with the CD2 approval and will be regularly updated on a monthly basis for the duration of the project.

6. The next IPT meeting will be Tues December 9, 2003 at 10 AM, as it looks like this is OK for most of us. Personnel at PPPL will meet in the DOE conference room.

Thanks for your participation, Greg